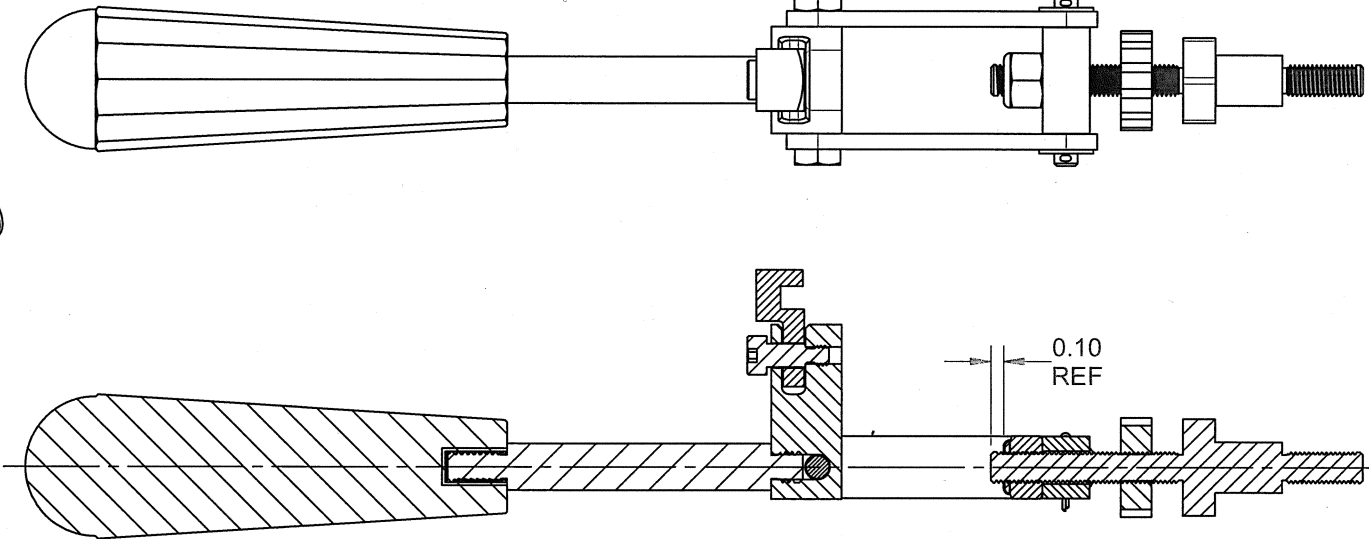
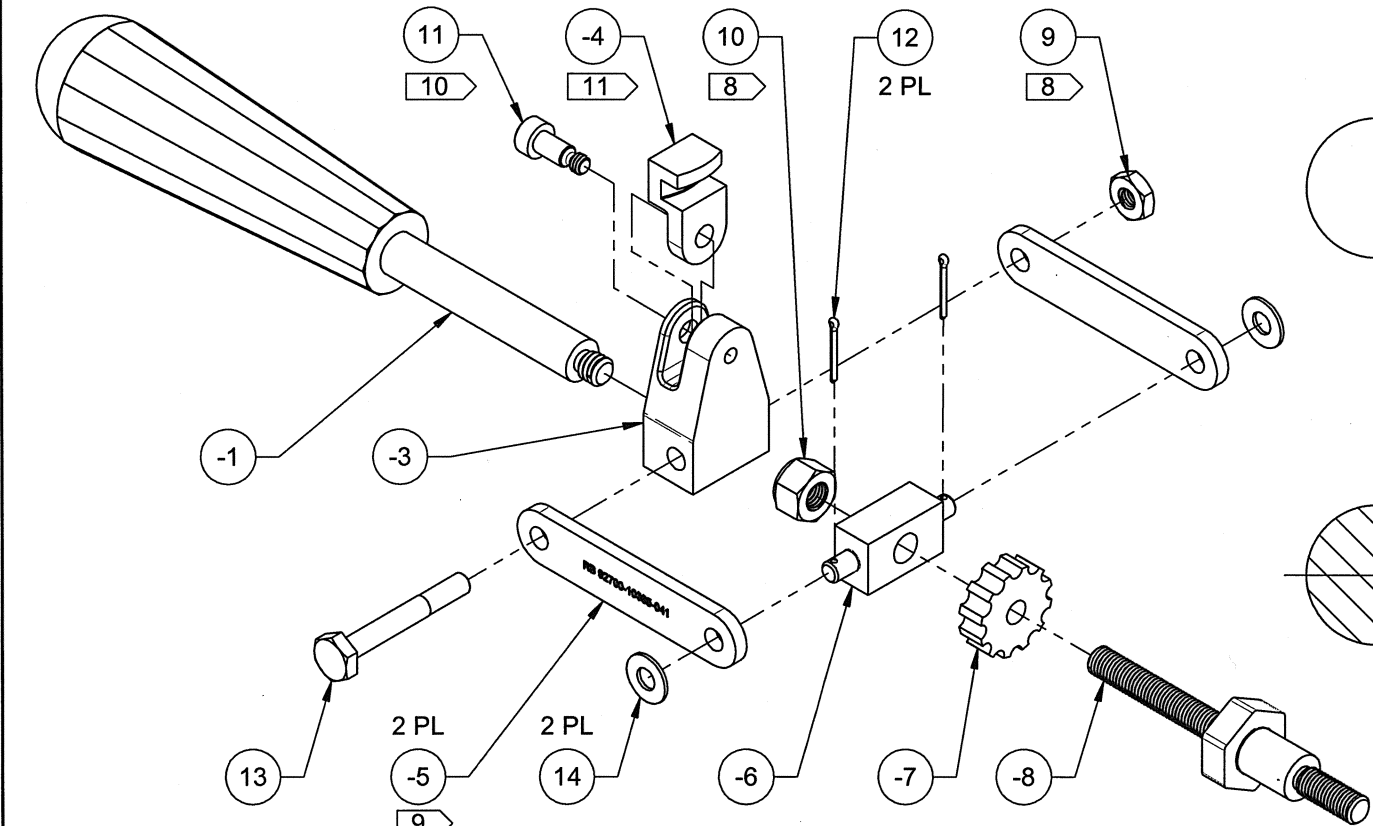
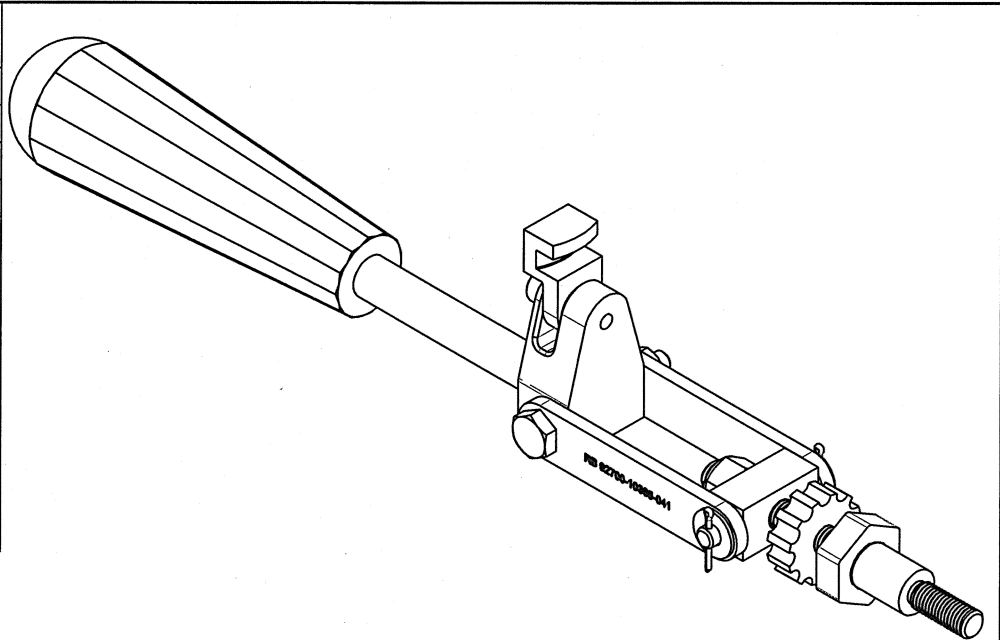
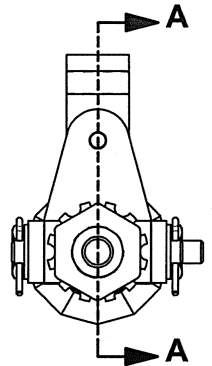


ITEM #	QTY	PART #	PART TITLE
-1	1	RB 92700-10385-041-1	HANDLE ASSY
-3	1	RB 92700-10385-041-3	BAR
-4	1	RB 92700-10385-041-4	HOOK
-5	2	RB 92700-10385-041-5	SIDE
-6	1	RB 92700-10385-041-6	PIVOT BAR
-7	1	RB 92700-10385-041-7	THUMB WHEEL
-8	1	RB 92700-10385-041-8	THREADED POST
9	1	McMaster#90480A195 OR EQUIV	ZINC PLATED STEEL HEX NUT #10-32 X 1/8" HEIGHT
10	1	McMaster#97135A215 OR EQUIV.	ZINC YELLOW PLATED GR.8 STEEL NYLON-INSERT LOCKNUT 1/4"-28 X 5/16" THK.
11	1	McMaster#91259A409 OR EQUIV	BLACK OXIDE STEEL SHOULDER SCREW #8-32 X 3/16" SHOULDER DIA. X 5/16" SHOULDER LENGTH
12	2	McMaster#98338A022 OR EQUIV.	STEEL COTTER PIN 3/64" DIA. X 1/2" LG.
13	1	AN3-13A	STEEL HEX HEAD BOLT #10-32 X 1-13/32" LG.
14	2	NAS1149F0332P	STEEL WASHER 0.203" ID. X 0.438" OD. X 0.032" THK.



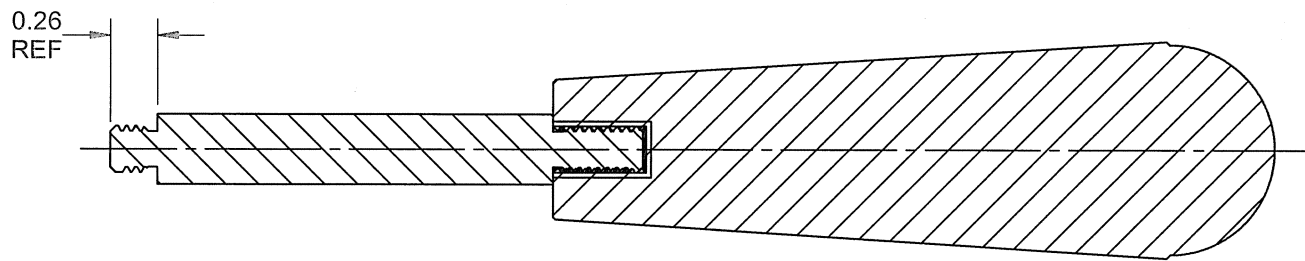
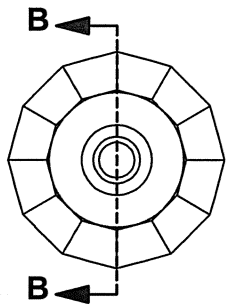
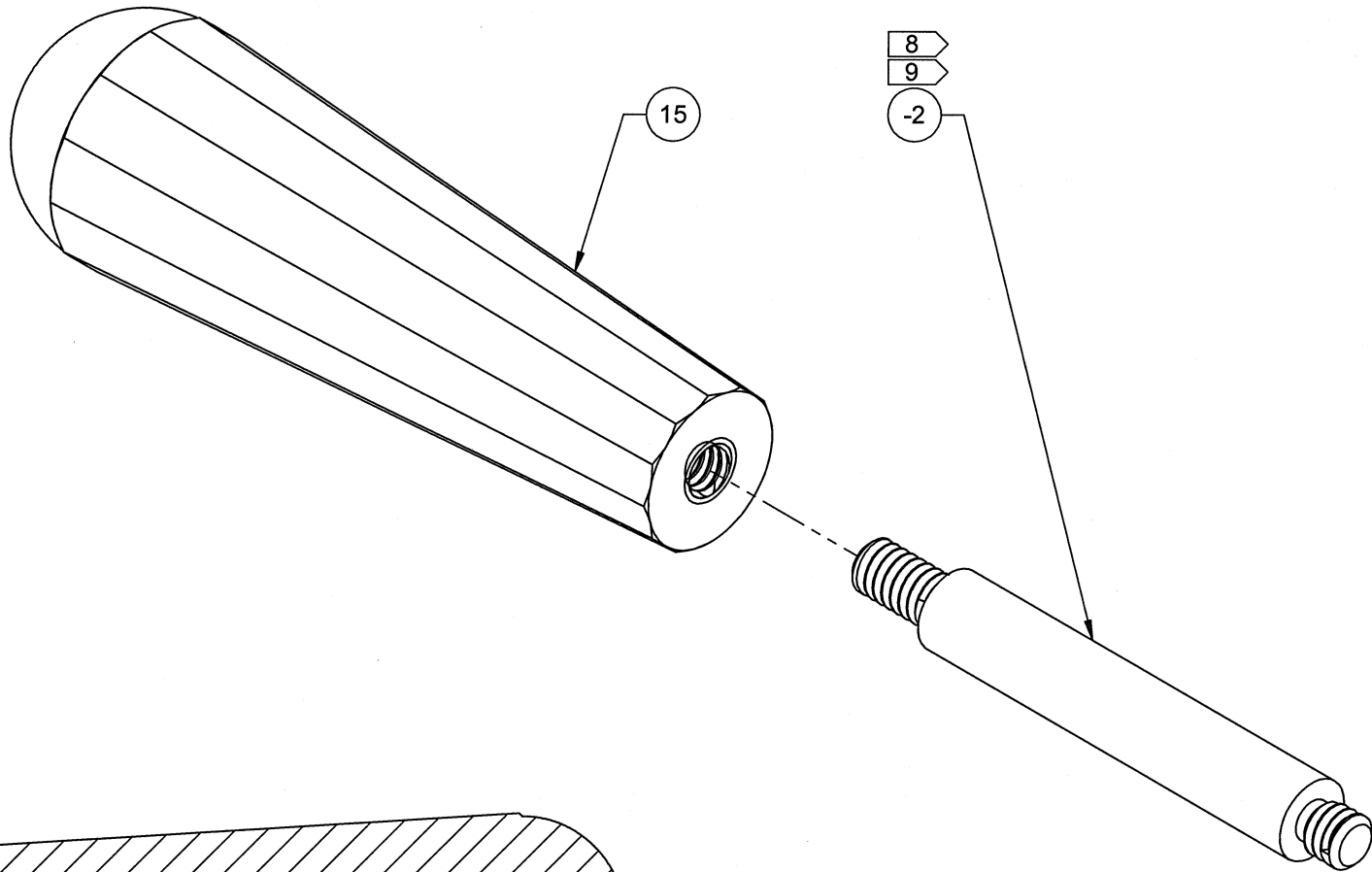
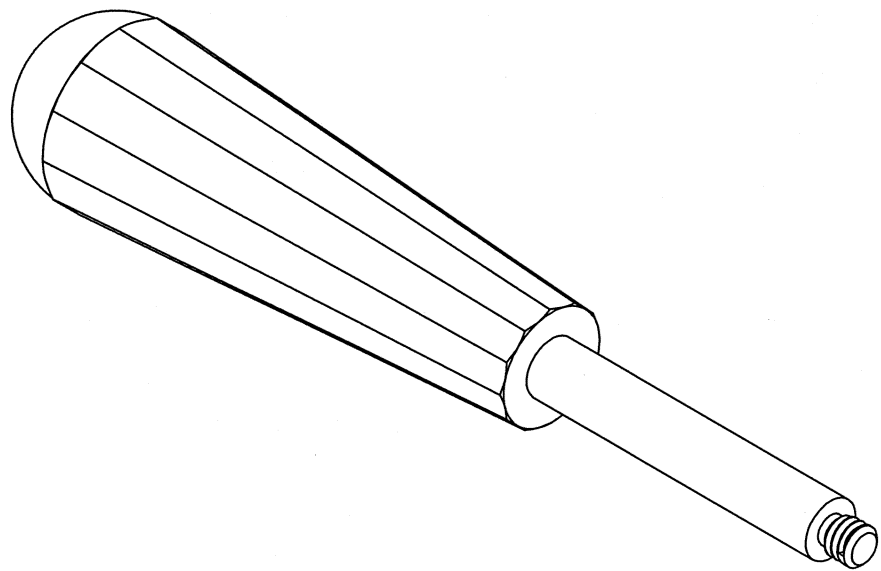
SECTION A-A



NOTES:
1) MATERIAL: N/A
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) IDENTIFICATION: N/A
7) ASSEMBLE AS SHOWN
8) TIGHTEN NUT UNTIL CONTACTS SURFACE, ENSURE 1-4 THREADS IN SAFETY
9) ITEM -5 MUST BE ABLE TO ROTATE FREELY
10) INSTALL ITEM 11 HAND TIGHT
11) ITEM -4 MUST ROTATE FREELY AROUND ITEM 11
12) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

A	NEW ISSUE	19-778	KPT
REV.	DESCRIPTION	ECN #	BY
DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA TOOL PART # RB 92700-10385-041 REV. A SHEET 1 OF 9 TITLE PULLER ASSEMBLY SCALE NTS COPYRIGHT © 2019 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DRAWN	KPT		
CHECKED	JMH		
MFG. APPR.	DP		
APPROVED	WJ		
DATE	2019-06-21		

ITEM #	QTY	PART #	PART TITLE
-2	1	RB 92700-10385-041-2	ROD
15	1	McMaster#57455K710 OR EQUIV.	PLASTIC HANDLE 1/4"-20 X 1/2" DEPTH. X 3-7/8" LG.



RB 92700-10385-041-1 HANDLE ASSY

SECTION B-B

- NOTES:
- 1) MATERIAL: N/A
 - 2) HEAT TREAT: N/A
 - 3) FINISH: N/A
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) IDENTIFICATION: N/A
 - 7) ASSEMBLE AS SHOWN
 - 8) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEM -2 THEN ASSEMBLE WITH ITEM 15, AND REMOVE EXCESS
 - 9) INSTALL ITEM -2 HAND TIGHT

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	JMH	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10385-041	SHEET 2 OF 9
APPROVED		TITLE	SCALE
DATE	2019-06-21	PULLER ASSEMBLY	NTS
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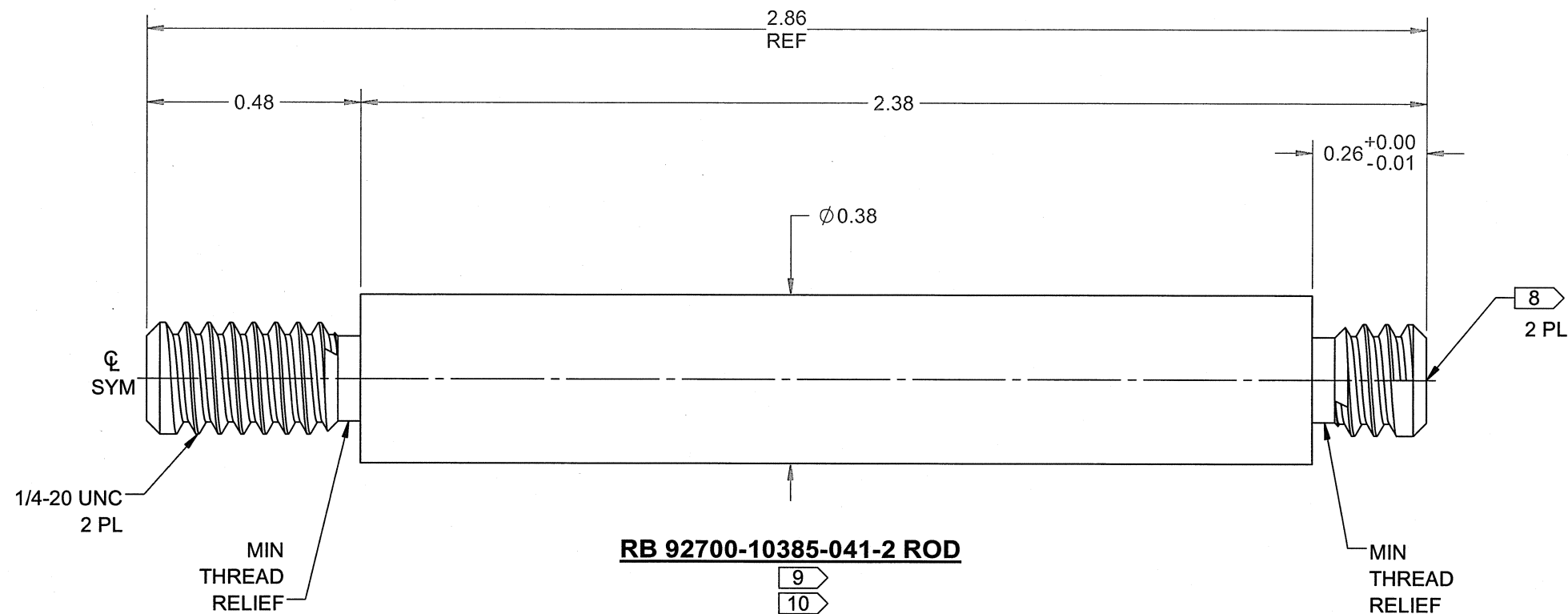
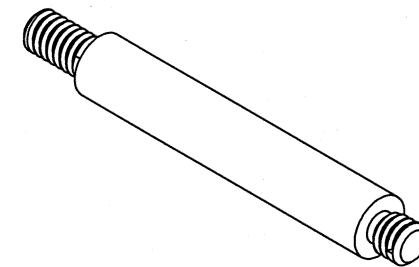
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NOTES:

- 1) MATERIAL: 4140 (28-32 RC)
- 2) HEAT TREAT: N/A
- 3) FINISH: POWDERCOAT RED QSI 005 OR MIL-PRF-24712
- 4) TOLERANCES: X.X = $\pm 0.1"$ / $\pm 1^\circ$
X.XX = $\pm 0.01"$ / $\pm 0.5^\circ$
X.XXX = $\pm 0.005"$ / $\pm 0.1^\circ$
X.XXXX = $\pm 0.0005"$ / $\pm 0.05^\circ$
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = $\pm 0.005"$
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A
- 8) CENTER DRILL IS ACCEPTABLE
- 9) MASK THREADS PRIOR TO POWDERCOAT
- 10) APPLY RUST INHIBITOR LPS 3 ON ALL BARE SURFACES AFTER POWDERCOAT

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	JMH	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10385-041	SHEET 3 OF 9
APPROVED		TITLE	SCALE
		PULLER ASSEMBLY	NTS
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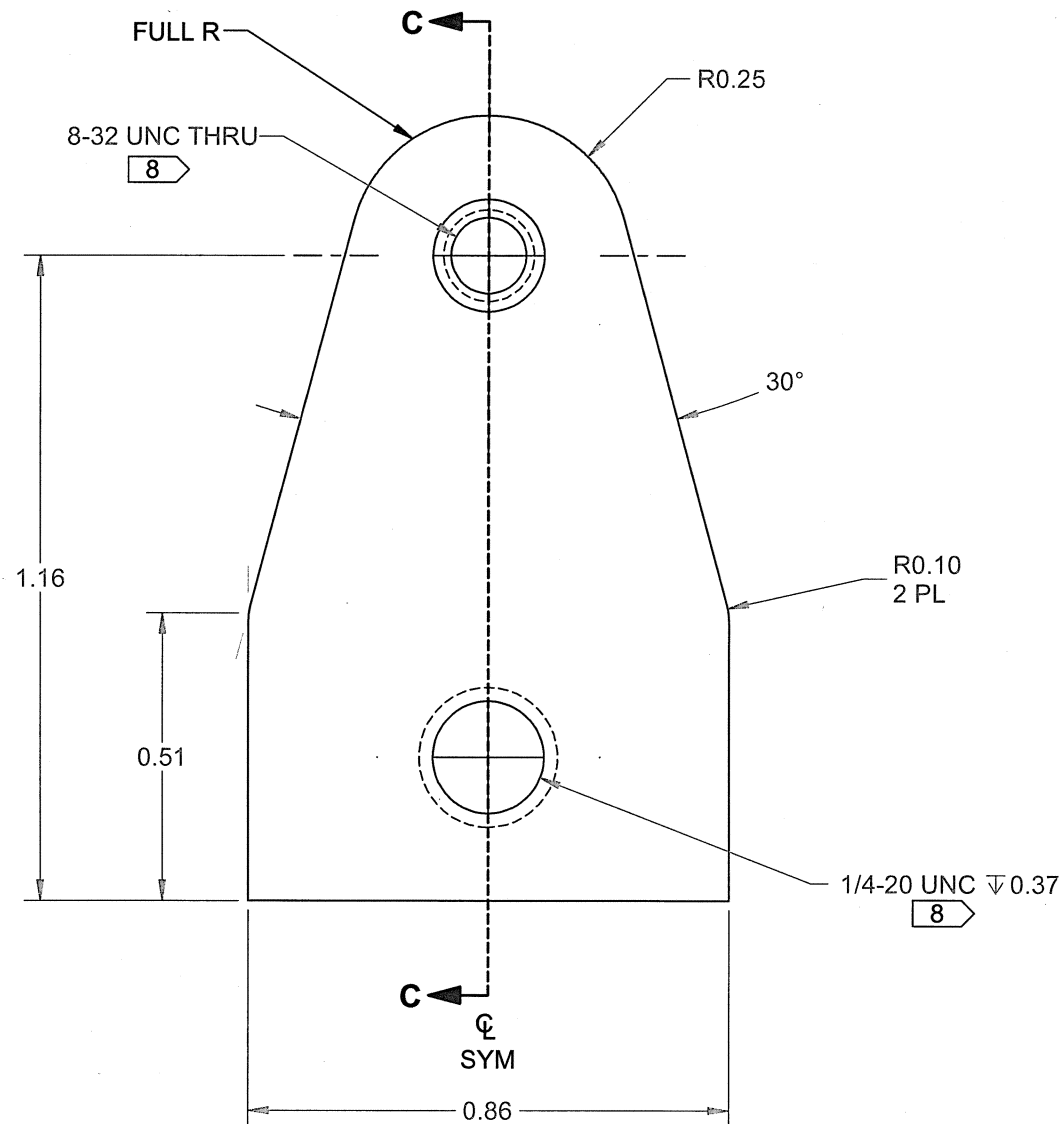
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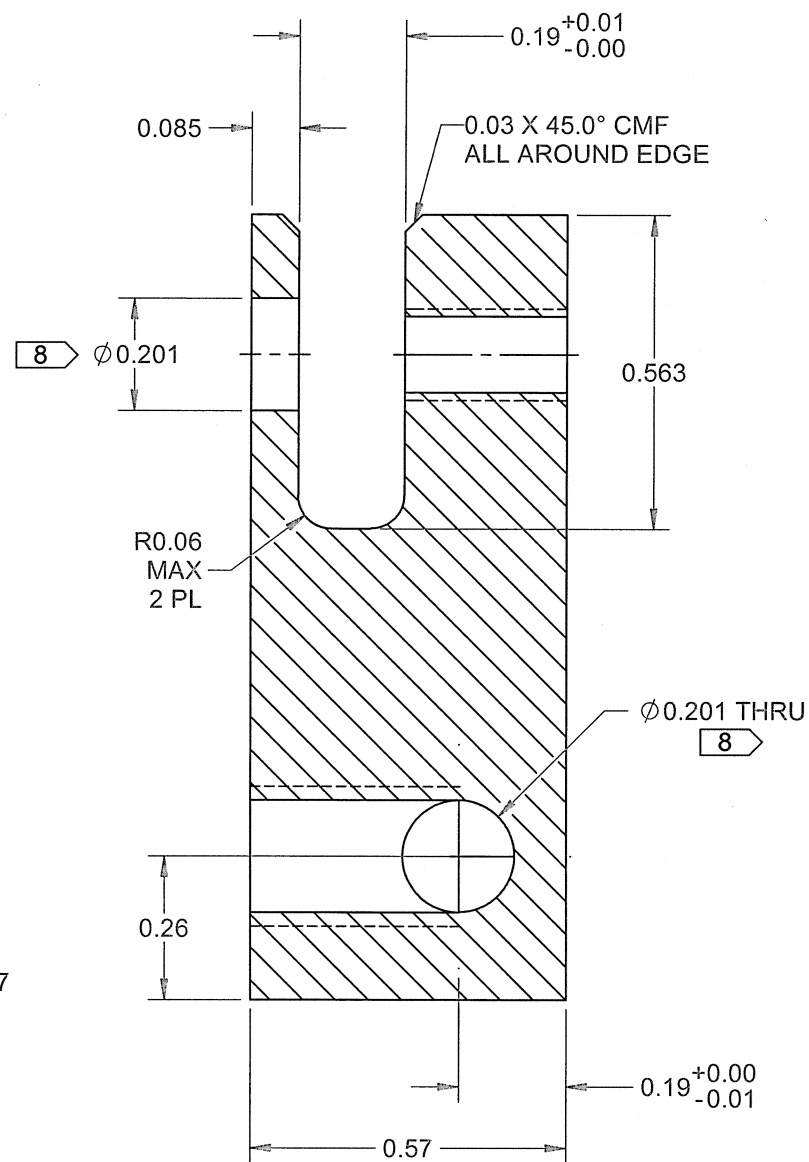
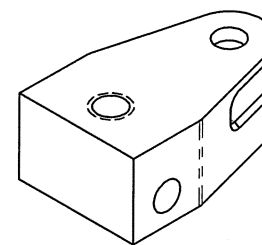
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**RB 92700-10385-041-3 BAR**

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**SECTION C-C**

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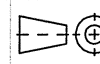
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NOTES:

- 1) MATERIAL: 4140 (28-32 RC)
- 2) HEAT TREAT: N/A
- 3) FINISH: POWDERCOAT RED QSI 005 OR MIL-PRF-24712
- 4) TOLERANCES: X.X = \pm 0.1" / \pm 1°
X.XX = \pm 0.01" / \pm 0.5°
X.XXX = \pm 0.005" / \pm 0.1°
X.XXXX = \pm 0.0005" / \pm 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = \pm 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A
- 8) MASK HOLES PRIOR TO POWDERCOAT
- 9) APPLY RUST INHIBITOR LPS 3 ON ALL BARE SURFACES AFTER POWDERCOAT

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	JMH	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10385-041	SHEET 4 OF 9
APPROVED		TITLE	SCALE
DATE	2019-06-21	PULLER ASSEMBLY	NTS 
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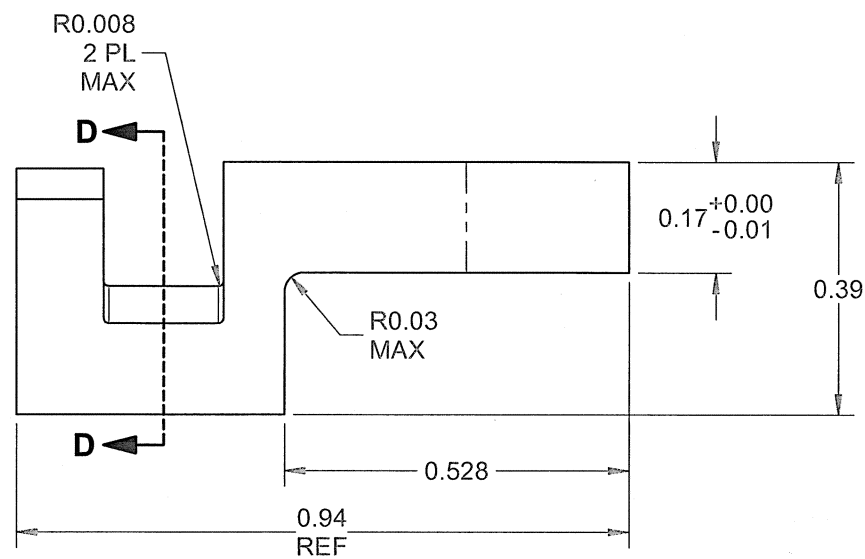
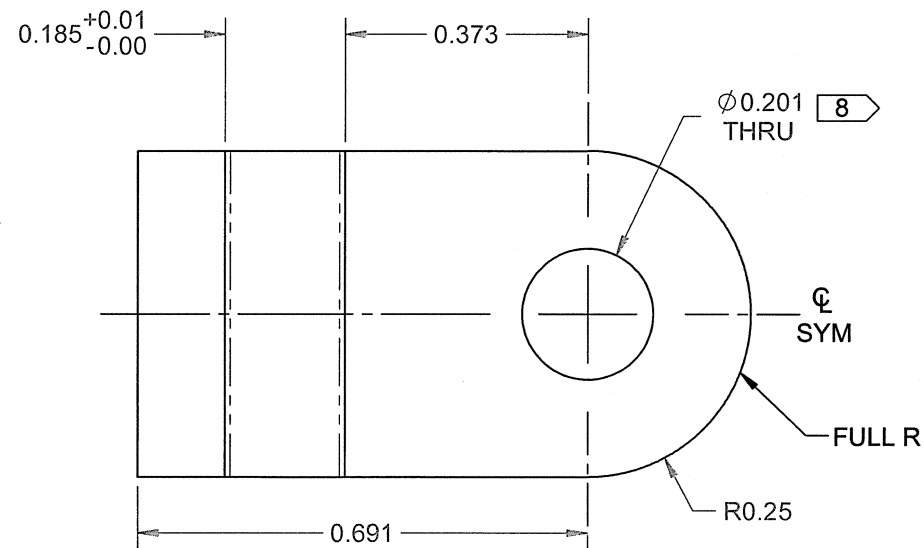
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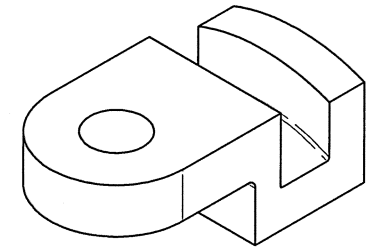
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**RB 92700-10385-041-4 HOOK**

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NOTES:

- 1) MATERIAL: 1018/1020/1025 CR
- 2) HEAT TREAT: N/A
- 3) FINISH: POWDERCOAT RED QSI 005 OR MIL-PRF-24712
- 4) TOLERANCES: X.X = $\pm 0.1"$ / $\pm 1^\circ$
X.XX = $\pm 0.01"$ / $\pm 0.5^\circ$
X.XXX = $\pm 0.005"$ / $\pm 0.1^\circ$
X.XXXX = $\pm 0.0005"$ / $\pm 0.05^\circ$
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = $\pm 0.005"$
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A
- 8) MASK HOLE PRIOR TO POWDERCOAT
- 9) APPLY RUST INHIBITOR LPS 3 ON ALL BARE SURFACES AFTER POWDERCOAT

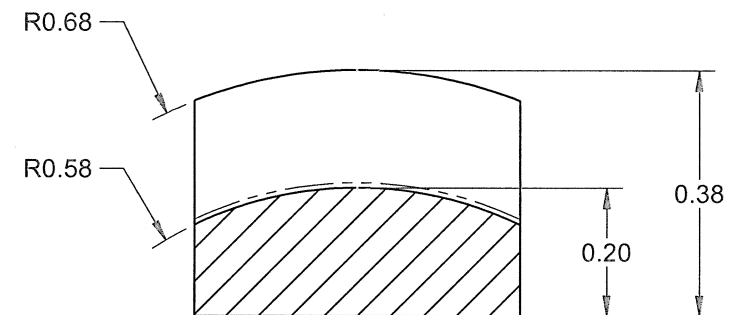



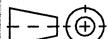
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**SECTION D-D**

DESIGN	KPT	DART AEROSPACE LTD	
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA	
CHECKED	JMH	TOOL PART #	REV. A
MFG. APPR.	DR	RB 92700-10385-041	SHEET 5 OF 9
APPROVED		TITLE	SCALE
		PULLER ASSEMBLY	NTS 
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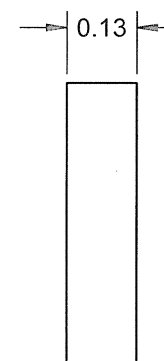
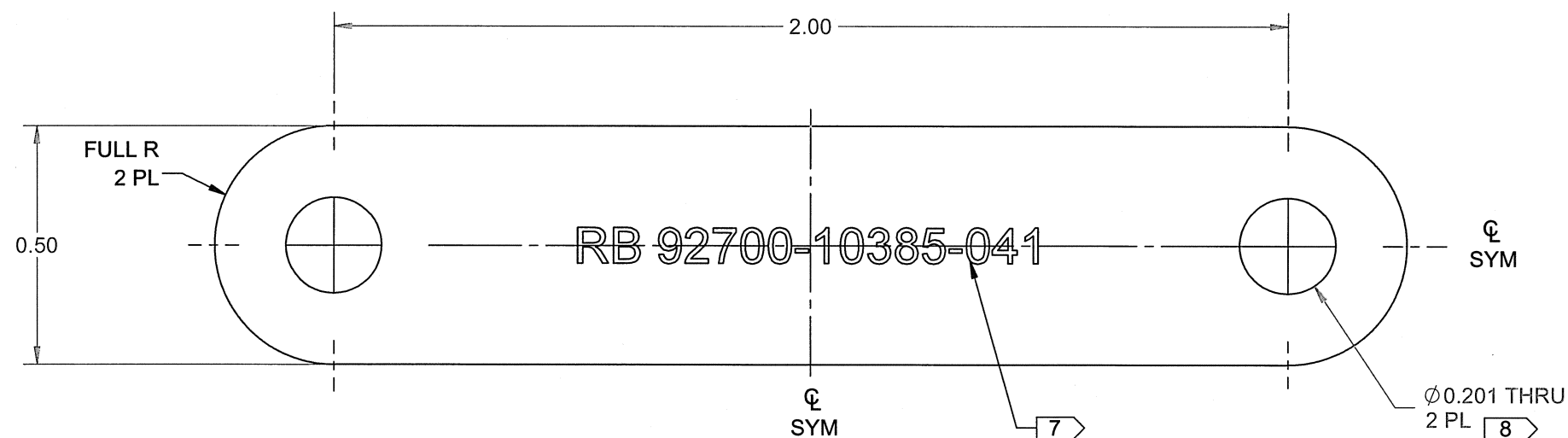
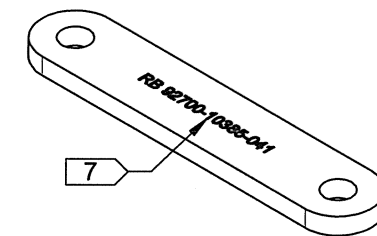
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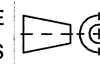


RB 92700-10385-041-5 SIDE

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NOTES:

- 1) MATERIAL: 1018/1020/1025 CR
- 2) HEAT TREAT: N/A
- 3) FINISH: POWDERCOAT RED QSI 005 OR MIL-PRF-24712
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: MACHINE ENGRAVE AS SHOWN THEN FILL WITH BLACK INK
- 8) MASK HOLES PRIOR TO POWDER COAT
- 9) APPLY RUST INHIBITOR LPS 3 ON ALL BARE SURFACES AFTER POWDERCOAT

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	JMH	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10385-041	SHEET 6 OF 9
APPROVED		TITLE	SCALE
DATE 2019-06-21		PULLER ASSEMBLY	NTS 
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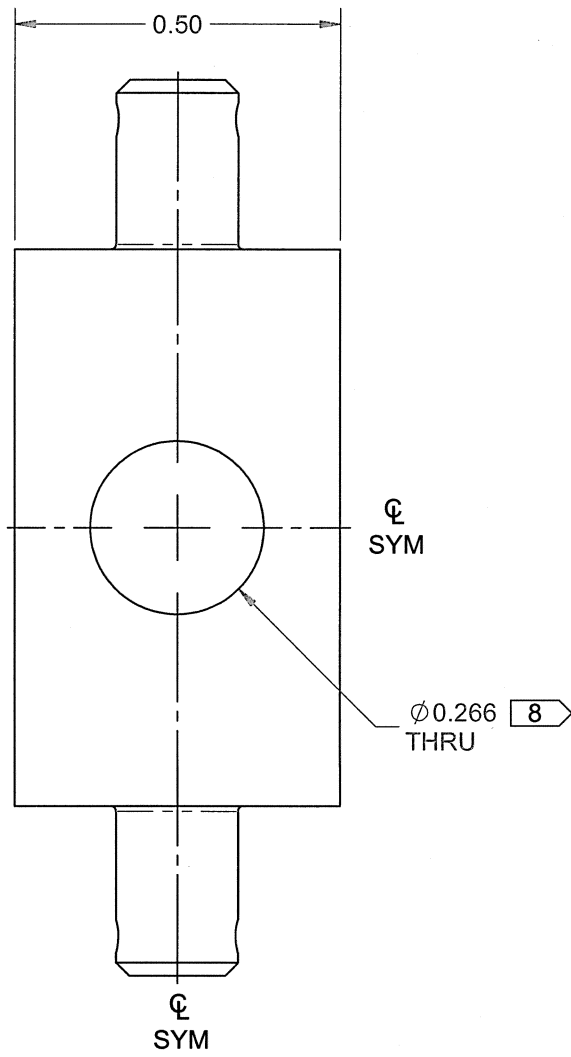
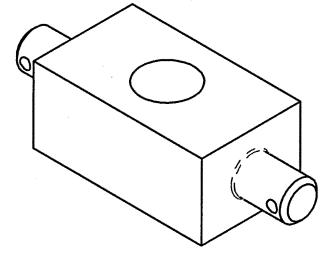
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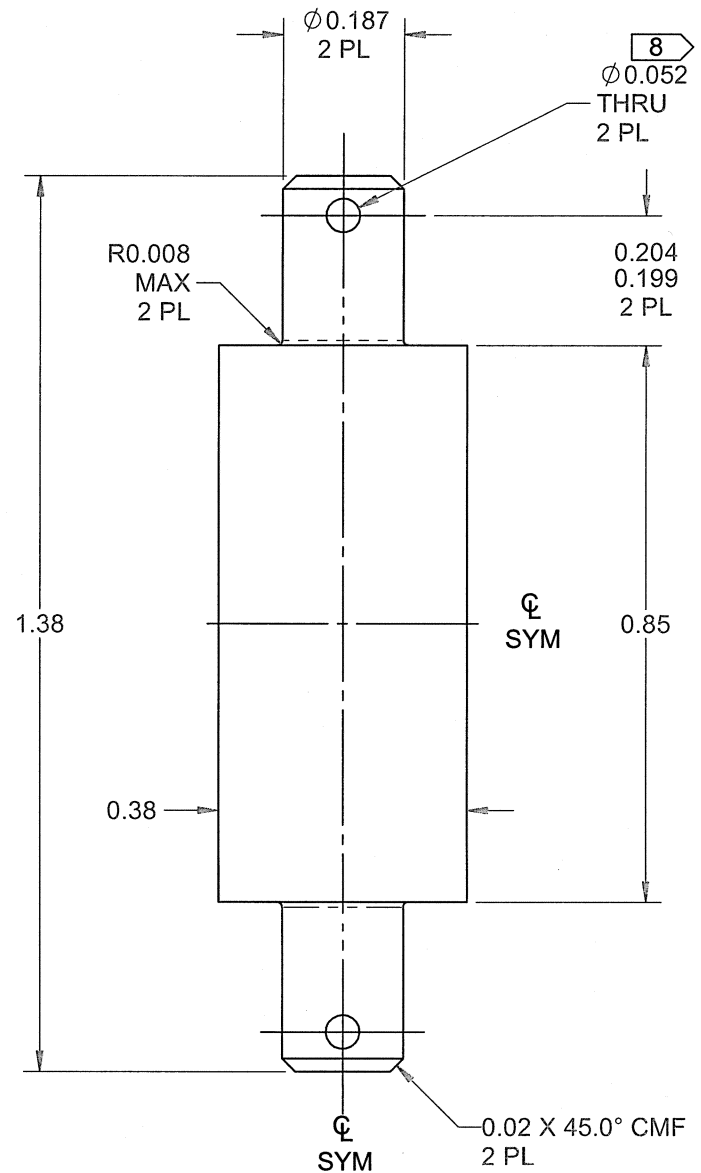
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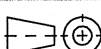


RB 92700-10385-041-6 PIVOT BAR

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- NOTES:
- 1) MATERIAL: 4140 (28-32 RC)
 - 2) HEAT TREAT: N/A
 - 3) FINISH: POWDERCOAT RED QSI 005 OR MIL-PRF-24712
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) REMOVE ALL SHARP EDGES AND BURRS
 - 7) IDENTIFICATION: N/A
 - 8) MASK HOLES PRIOR TO POWDER COAT
 - 9) APPLY RUST INHIBITOR LPS 3 ON ALL BARE SURFACES AFTER POWDERCOAT

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV. A
DRAWN	KPT			
CHECKED	JMH	TOOL PART #	RB 92700-10385-041	SHEET 7 OF 9
MFG. APPR.	DP	TITLE		
APPROVED		PULLER ASSEMBLY	SCALE NTS	
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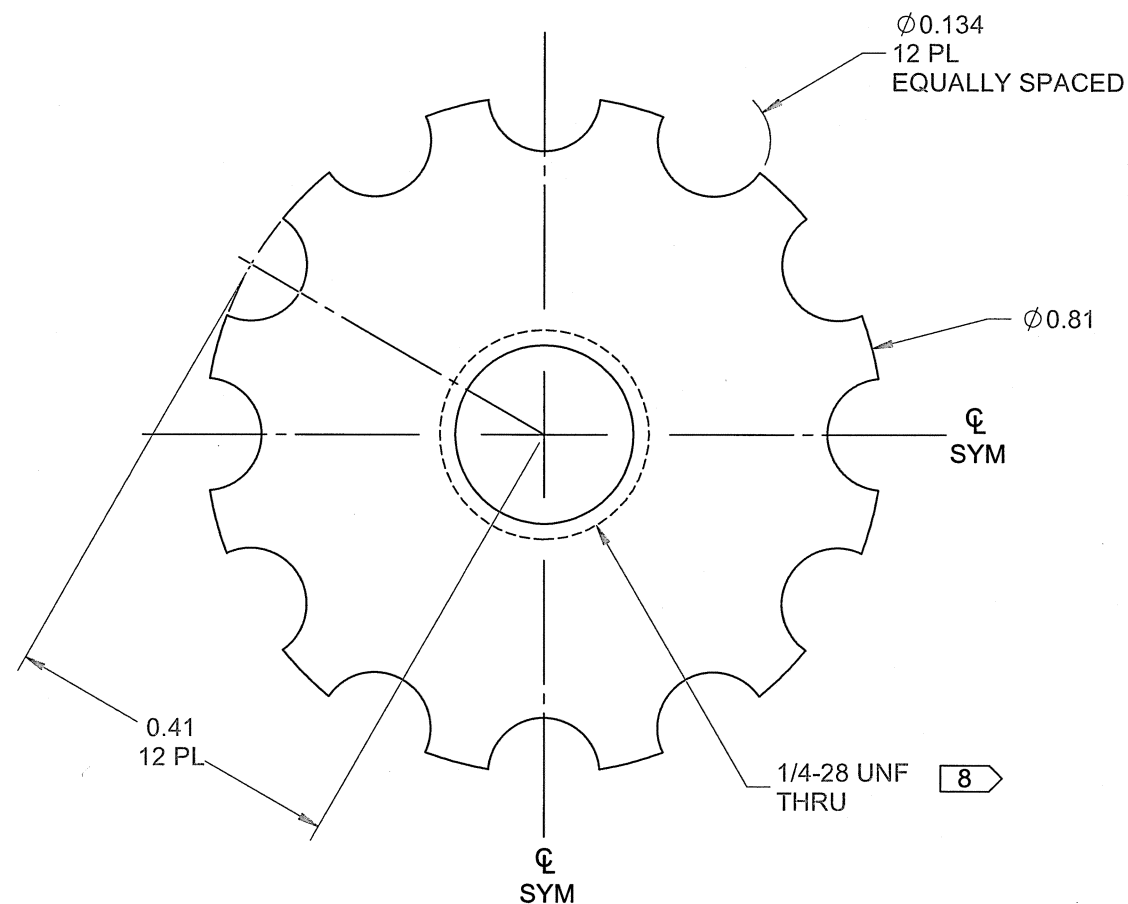
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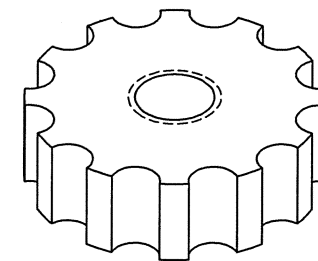
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**RB 92700-10385-041-7 THUMB WHEEL**

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NOTES:

- 1) MATERIAL: O1
- 2) HEAT TREAT: 48-52 Rc
- 3) FINISH: POWDERCOAT RED QSI 005 OR MIL-PRF-24712
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A
- 8) MASK HOLES PRIOR TO POWDER COAT
- 9) APPLY RUST INHIBITOR LPS 3 ON ALL BARE SURFACES AFTER POWDERCOAT

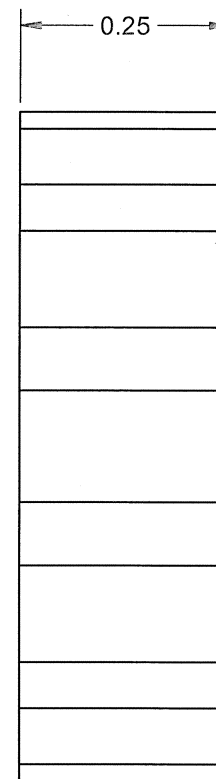




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DESIGN	KPT	DART AEROSPACE LTD	
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA	
CHECKED	JMH	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10385-041	SHEET 8 OF 9
APPROVED		TITLE	SCALE
		PULLER ASSEMBLY	NTS 
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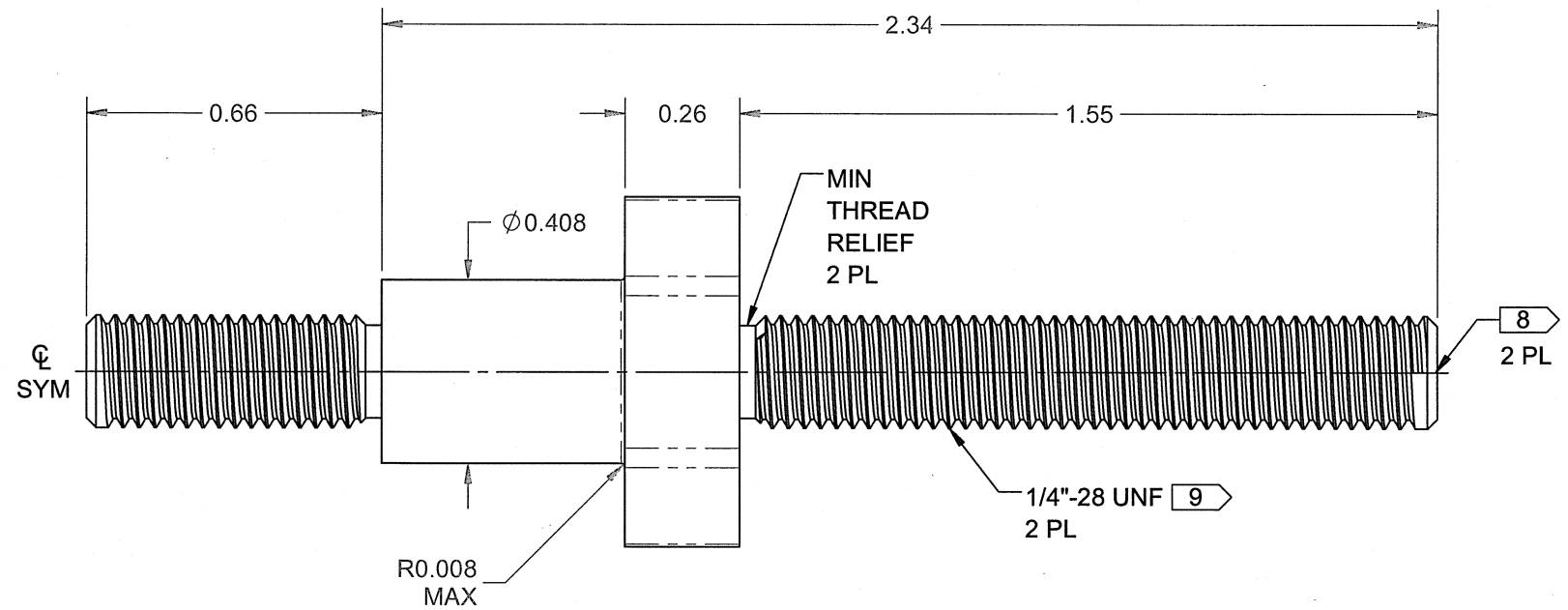
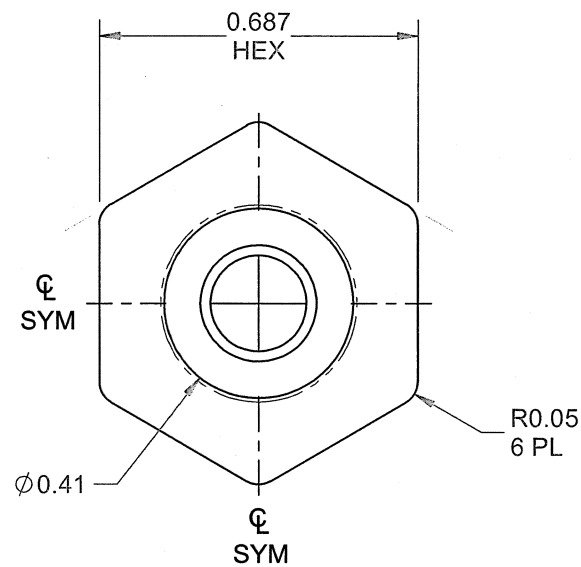
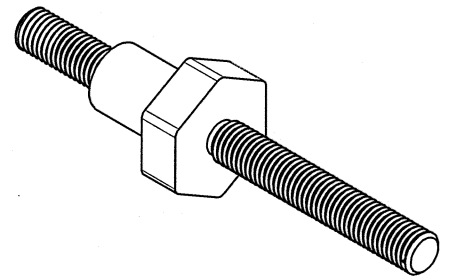
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**RB 92700-10385-041-8 THREADED POST**

10

NOTES:

- 1) MATERIAL: 4140 (28-32 RC)
- 2) HEAT TREAT: N/A
- 3) FINISH: POWDERCOAT RED QSI 005 OR MIL-PRF-24712
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A
- 8) CENTER DRILL IS ACCEPTABLE
- 9) MASK THREADS PRIOR TO POWDER COAT
- 10) APPLY RUST INHIBITOR LPS 3 ON ALL BARE SURFACES AFTER POWDERCOAT

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	JMH	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10385-041	SHEET 9 OF 9
APPROVED	W	TITLE	SCALE
		PULLER ASSEMBLY	NTS
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